

Machine Learning and the Future of AI

Machine Learning

Machine Learning is a subset of Artificial Intelligence (AI) that enables computers to learn from data and make predictions or decisions without being explicitly programmed to do so.

Machine Learning is a branch of AI that focuses on the development of algorithms that can learn from and make predictions on data. It is a key component of many modern AI applications, including image recognition, natural language processing, and recommendation systems.

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SAE level 4

Waymo
crash data trade secret data

SAE level 4

AlphaGo Zero

Leukotomy selfish gene

logical positivism logical empiricism

Universal Approximation Theorem Nash Embedding Theorems
word-embedding Vector Space

Deepmind AlphaGo Zero

reward
Deepmind Reward is Enough

A Treatise on Probability causation

[illegible]

causation

[illegible]

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[illegible]

Marc Aurel Stein
 John Leighton Stuart

causation

Demis Hassabis

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Totally Ordered Set

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context

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Historia
Naturalis Philosophiae Naturalis scientia naturalis

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SAE level 4
SAE level 4
SAE level 5

1. [UTStarcom](#) のクラウド環境構築事例
2. [Google Cloud](#) を活用したクラウド環境構築事例
3. WebEx、Zoom などによるリモートワーク環境構築事例
4. Aldebaran Robotics の ARM ベースの Pepper の開発事例

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common sense

Historia Naturalis

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Philosophiae Naturalis

Philosophiae Naturalis Philosophiae Naturalis scientia naturalis

Marvin Minsky The Emotion Machine: Commonsense Thinking, Artificial Intelligence, and the Future of the Human Mind emotion Emotion machine

Minsky Minsky

Pepper emotion

consciousness

killing

killing others killing

AI: A Modern Approach